



OCEAN Data Set Reference Sheet

February 2006

Physical Properties	Data Center	Selected Data Sets and Data Collections <i>Complete data set listings available through each individual data center. For information about the Distributed Active Archive Centers (DAACs), visit: http://nasadaacs.eos.nasa.gov</i>
Surface Temperature <i>SST</i>	GES DAAC http://daac.gsfc.nasa.gov	<ul style="list-style-type: none"> MODIS/Terra Sea Surface Temperature Products 5-min L2 Swath 1km* MODIS/Terra global grids (maps) at 4.9 km, 39 km, and 1 deg, available in daily, 8-day, monthly, and yearly aggregates. Every map has a corresponding quality map. Projection is Cylindrical Equidistant.* MODIS/Terra global binned grids in Integerized Sinusoidal Equal Area (ISEAG) projection, at 4.63 km. Available in daily, 8-day, monthly, and yearly aggregates.*
	GHRC http://ghrc.msfc.nasa.gov	<ul style="list-style-type: none"> TRMM Microwave Imager (TMI) Wentz Ocean Products (SST under all cloud conditions, plus surface wind speed and other atmospheric parameters) Advanced Microwave Sounding Unit-A (AMSU-A) Swath from NOAA-15, NOAA-16, NOAA-17
	LaRC DAAC http://eosweb.larc.nasa.gov	<ul style="list-style-type: none"> First ISCCP Regional Experiment (FIRE) data sets
	NSIDC DAAC http://nsidc.org/daac	<ul style="list-style-type: none"> AMSR-E/Aqua Daily, Weekly, and Monthly L3 Global Ascending/Descending .25x.25 deg Ocean Grids AMSR-E/Aqua L2B Global Swath Ocean Products derived from Wentz Algorithm
	PO.DAAC http://podaac.jpl.nasa.gov	<ul style="list-style-type: none"> AVHRR Oceans Pathfinder Global Equal-Angle Best and All SST AVHRR Oceans Pathfinder SST and Buoy Match-up Data AVHRR Pathfinder Global 9km SST Climatology NSIPP AVHRR Pathfinder and Erosion Global 9km SST Climatology AVHRR Gridded 18km MCSST Level 3 (NAVOCEANO) and NAVOCEANO MCSST Level 2 HRPT/LAC Data AVHRR Orbital 9km MCSST Level (NAVOCEANO) AVHRR Weekly Global 18km Gridded MCSST GOES L3 6km Near-Real-Time SST (NOAA/NESDIS) Global Ocean Surface Temperature Atlas Plus (GOSTAtlas) MODIS/Terra Global Level 3 Mapped Thermal IR SST* MODIS/Terra Global Level 3 Mapped Mid-IR SST* NCEP Reynolds Optimally Interpolated SST NCEP Reynolds Historical Reconstructed SST GODAE High Resolution Sea Surface Temperature Pilot Project (GHRSST-PP)
Phytoplankton & Dissolved Organic Matter	GES DAAC http://daac.gsfc.nasa.gov	Note: MODIS/Terra and Aqua, OCTS, CZCS, and SeaWiFS ocean color products have been transitioned from the GES DAAC to the GSFC Ocean Color Site (http://oceancolor.gsfc.nasa.gov)
Surface Wind Fields	GHRC http://ghrc.msfc.nasa.gov	<ul style="list-style-type: none"> SSM/I Daily Gridded/Swath Oceanic Wind Speed TRMM Microwave Imager (TMI) Wentz Ocean Products (with other atmospheric parameters plus SST under all cloud conditions)
	LaRC DAAC http://eosweb.larc.nasa.gov	<ul style="list-style-type: none"> First ISCCP Regional Experiment (FIRE) data sets Surface meteorology and Solar Energy (SSE) data set

Surface Wind Fields <i>Continued</i>	NSIDC DAAC http://nsidc.org/daac <ul style="list-style-type: none"> AMSR-E/Aqua Daily, Weekly, and Monthly L3 Global Ascending/Descending .25x.25 deg Ocean Grids AMSR-E/Aqua L2B Global Swath Ocean Products derived from Wentz Algorithm 	
	PO.DAAC http://podaac.jpl.nasa.gov <ul style="list-style-type: none"> SeaWinds on QuikSCAT Level 2B and Level 3 Ocean Wind Vectors SeaWinds on QuikSCAT Level 2B and Level 3-Derived Multialgorithm Surface Wind Stress SeaWinds on ADEOS-II Level 2B and Level 3 Ocean Wind Vectors SeaWinds on ADEOS-II Level 2B and Level 3-Derived Multialgorithm Surface Wind Stress BYU Daily Browse Images of QuikSCAT Sigma-0 Measurements BYU Daily Browse Images of SeaWinds Sigma-0 Measurements NSCAT Science Product, Levels 1, 2, 3 NSCAT Global 25km Sigma-0 and Ocean Winds Seasat Scatterometer Products SSMI/I Derived Global Ocean Surface Wind Components 	
Heat Flux	LaRC DAAC http://eosweb.larc.nasa.gov <ul style="list-style-type: none"> First ISCCP Regional Experiment (FIRE) data sets 	
	PO.DAAC http://podaac.jpl.nasa.gov <ul style="list-style-type: none"> SMMR, GOES-W VISSR Tropical Pacific Surface Thermal Forcing Parameters SSM/I Derived Global Heat and Momentum Fluxes 	
Ocean Surface Topography <i>Height, waves, sea level, tide models</i>	LaRC DAAC http://eosweb.larc.nasa.gov <ul style="list-style-type: none"> First ISCCP Regional Experiment (FIRE) data sets NSIDC DAAC http://nsidc.org/daac <ul style="list-style-type: none"> GLAS/ICESat L2 Global Ocean Altimetry Data PO.DAAC http://podaac.jpl.nasa.gov <ul style="list-style-type: none"> Jason Sea Surface Height Anomaly Products (Along-Track and Along-Track Gridded) Jason Near Real Time Sea Surface Height Anomaly Jason Geophysical Data Record (GDR) TOPEX/POSEIDON Sea Surface Height Anomaly Products (Along-Track and Along-Track Gridded) TOPEX/POSEIDON Near Real Time Sea Surface Height Anomaly TOPEX/POSEIDON Altimeter Merged Geophysical Data Record (MGDR) Generation B Altimeter Ocean Pathfinder Sea Surface Height Anomalies from the following missions: TOPEX/POSEIDON, GEOSAT ERM, GFO, ERS-1, ERS-2 	Sea Ice <i>Continued</i>
<i>See also the "Cryosphere Data Set Reference Sheet"</i>	ASF DAAC http://www.asf.alaska.edu <ul style="list-style-type: none"> SAR image data sets ERS-1 Ice Motion Vectors RGPS Ice Motion and Thickness LaRC DAAC http://eosweb.larc.nasa.gov <ul style="list-style-type: none"> International Satellite Cloud Climatology Project (ISCCP) D1, D2, and ICESNOW data products Multi-angle Imaging SpectroRadiometer (MISR) Level 1B2 Ellipsoid Data First ISCCP Regional Experiment (FIRE) data sets 	Sea Ice <i>Continued</i>
	NSIDC DAAC http://nsidc.org/daac <ul style="list-style-type: none"> Bootstrap Sea Ice Concentrations from Nimbus-7 SMMR and DMSP SSM/I Sea Ice Concentrations from Nimbus-7 SMMR and DMSP SSM/I Passive Microwave Data DMSP SSM/I Daily and Monthly Polar Gridded Sea Ice Concentrations Near Real-Time SSM/I EASE-Grid Daily Global Ice Concentration and Snow Extent Near Real-Time DMSP SSM/I Daily Polar Gridded Sea Ice Concentrations Sea Ice Trends and Climatologies from SMMR and SSM/I AVHRR 1-km Level 1b Polar Data Set and AVHRR Polar Pathfinder Twice-Daily 1.25, 5, and 25 km EASE-Grid Composites GLAS/ICESat L2 Sea Ice Altimetry Data AMSR-E/Aqua Daily L3 6.25, 12.5, and 25 km Sea Ice Products [Brightness Temperature (all resolutions), Sea Ice Concentration (12.5 and 25 km), Snow Depth (12.5 km,), and Sea Ice Temperature (25 km)] Polar Pathfinder Daily 25 km EASE-Grid Sea Ice Motion Vectors Snow Melt Onset Over Arctic Sea Ice from SMMR and SSM/I Brightness Temperatures MODIS Sea Ice Extent Daily L3 Global 1km EASE-Grid Products 	Sea Ice <i>Continued</i>
		Sea Ice <i>Continued</i>
		PO.DAAC http://podaac.jpl.nasa.gov <ul style="list-style-type: none"> BYU Daily Browse Images of QuikSCAT Sigma-0 Measurements BYU Daily Browse Images of SeaWinds Sigma-0 Measurements BYU High Resolution Images of Seasat Sigma-0 Measurements BYU High Resolution Images of ERS Sigma-0 Measurements
		Atmospheric Moisture (Oceanic only) <i>See also the "Atmosphere Data Set Reference Sheet"</i>
		GHRC http://ghrc.msfc.nasa.gov <ul style="list-style-type: none"> MSFC SSM/I Swath and Daily Gridded Integrated Water Vapor Products from DMSP F10, F13, F14, and F15 MSFC SSM/I Swath and Daily Gridded Cloud Liquid Water Products from DMSP F10, F13, F14, and F15
		LaRC DAAC http://eosweb.larc.nasa.gov <ul style="list-style-type: none"> First ISCCP Regional Experiment (FIRE) data sets Chesapeake Lighthouse and Aircraft Measurements for Satellites (CLAMS) (CLAMS_CERES_CHESLIGHT SONDE) NASA Water Vapor Project (NVAP) data sets
		NSIDC DAAC http://nsidc.org/daac <ul style="list-style-type: none"> AMSR-E/Aqua Daily, Weekly, and Monthly L3 Global Ascending/Descending .25x.25 deg Ocean Grids AMSR-E/Aqua L2B Global Swath Ocean Products derived from Wentz Algorithm
		PO.DAAC http://podaac.jpl.nasa.gov <ul style="list-style-type: none"> SSM/I Pathfinder Atmospheric Moisture Level 2 and Level 3 Nimbus-7 SMMR Global 60km Gridded Ocean Parameters
		Multi-Parameter Data Collections
		GHRC http://ghrc.msfc.nasa.gov <ul style="list-style-type: none"> TRMM Microwave Imager (TMI) Wentz Ocean Products (Cloud liquid water, atmospheric water vapor, precipitation rate, wind speeds, and SSTs) Advanced Microwave Sounding Unit-A (AMSU-A) Swath from NOAA-15, NOAA-16, NOAA-17
		LaRC DAAC http://eosweb.larc.nasa.gov <ul style="list-style-type: none"> First ISCCP Regional Experiment (FIRE) data sets CLAMS data sets Global Tropospheric Experiment (GTE) data sets
		NSIDC DAAC http://nsidc.org/daac <ul style="list-style-type: none"> AMSR-E/Aqua Daily, Weekly, and Monthly L3 Global Ascending/Descending .25x.25 deg Ocean Grids AMSR-E/Aqua L2B Global Swath Ocean Products derived from Wentz Algorithm
		PO.DAAC http://podaac.jpl.nasa.gov <ul style="list-style-type: none"> Atlas of Ocean Sections v2 CD-ROM GEOSAT Altimeter Geophysical Parameters Collocated with NDBC Buoy Data Monthly Mean Global Surface Ocean Variables Sea Surface Temperature and Height, Global 0.5 and 1.0 degree grids (JPL, WOCE v3)
		Gravity
		PO.DAAC http://podaac.jpl.nasa.gov <ul style="list-style-type: none"> GRACE Level 2 Monthly Gravity Field Estimates
		ASF DAAC Alaska Satellite Facility DAAC
		GES DAAC Goddard Space Flight Center (GSFC) Earth Sciences DAAC
		GHRC Global Hydrology Resource Center
		LaRC DAAC Langley Research Center DAAC
		NSIDC DAAC National Snow and Ice Data Center DAAC
		PO.DAAC Physical Oceanography DAAC

* MODIS/Aqua versions of these products are available.